

[illegible]

FIG. 2A PRIOR ART

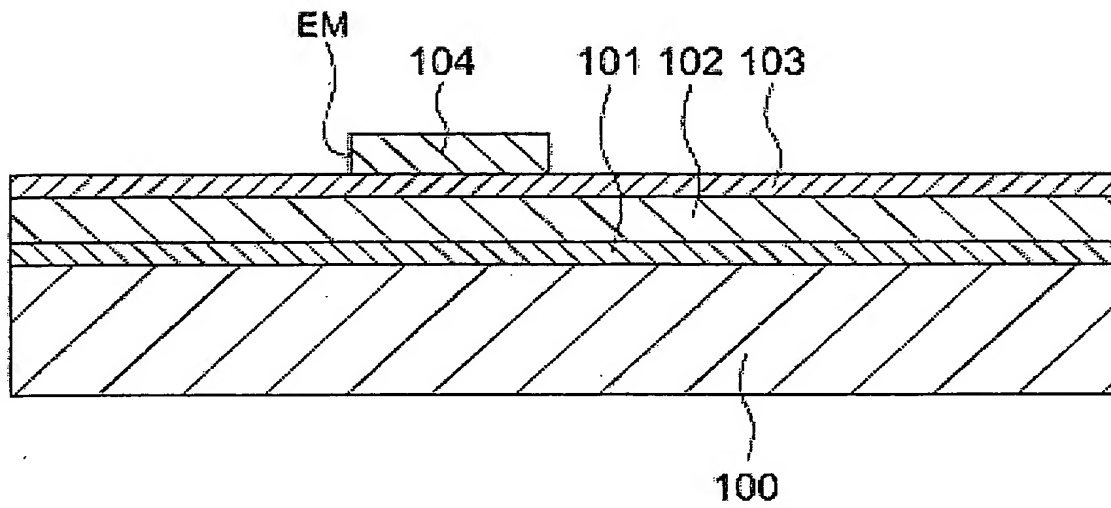


FIG. 2B PRIOR ART

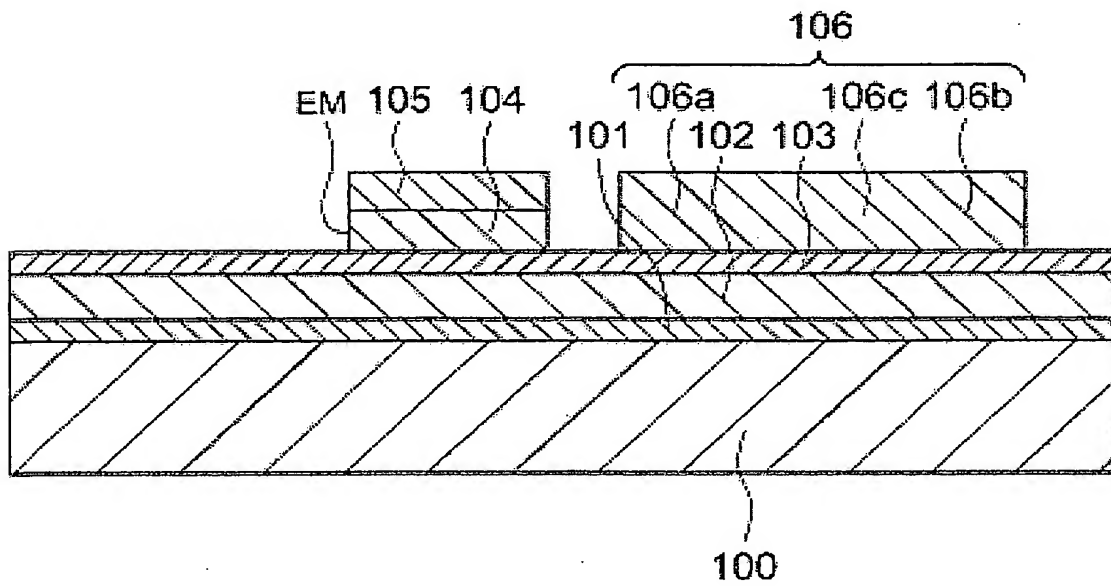
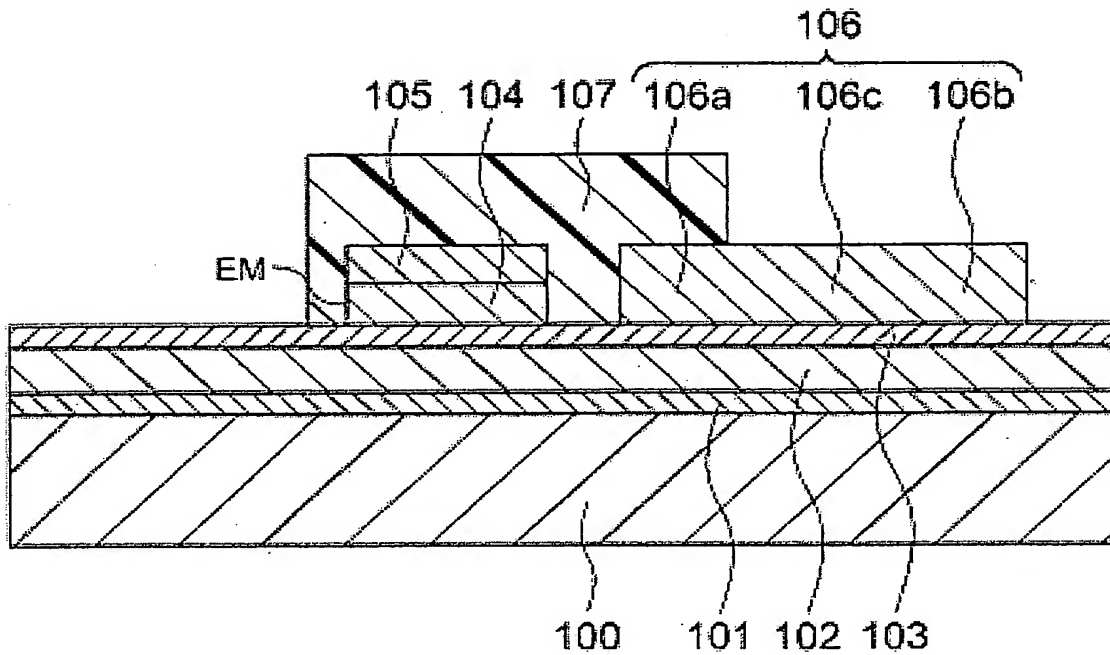


FIG. 2C PRIOR ART



PRIOR ART FIG. 2D

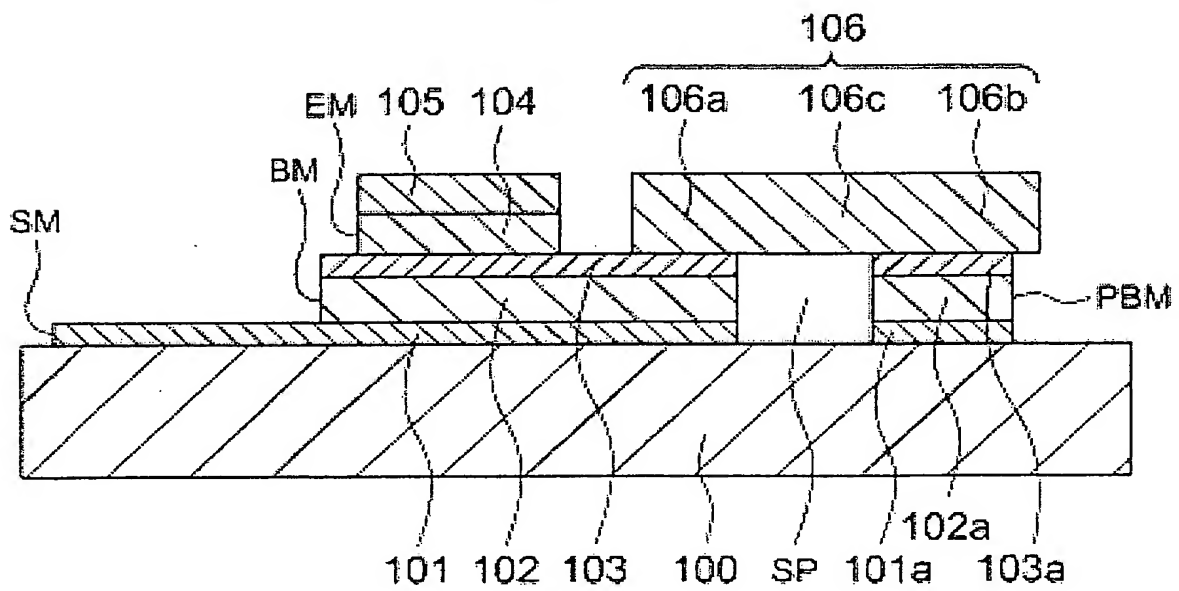


FIG. 3A

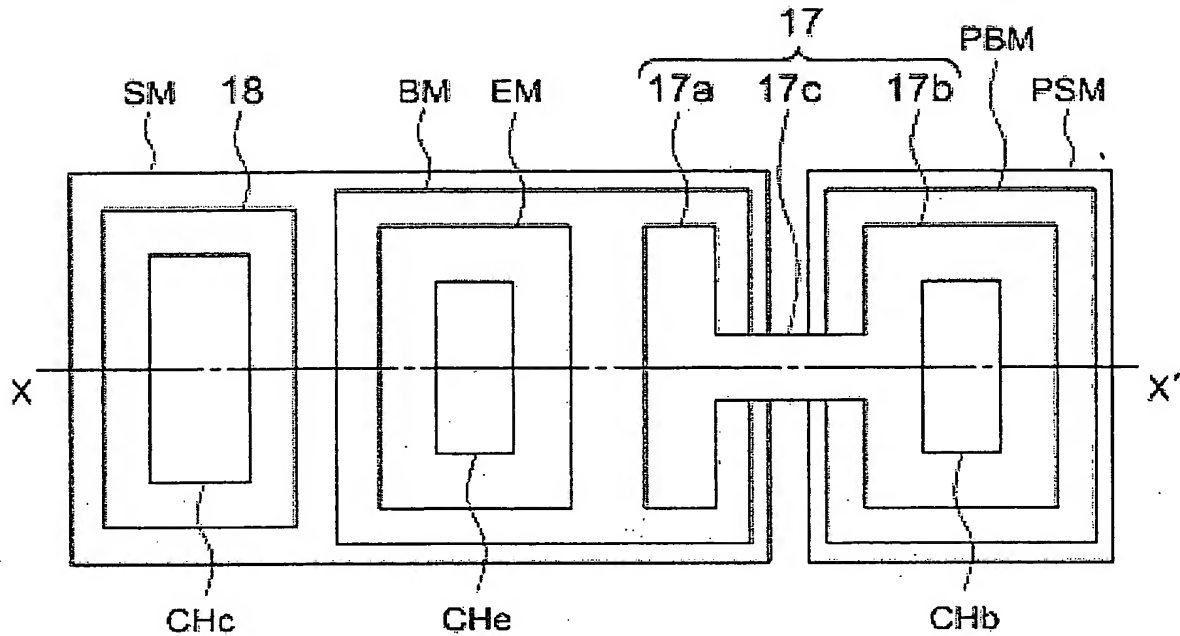
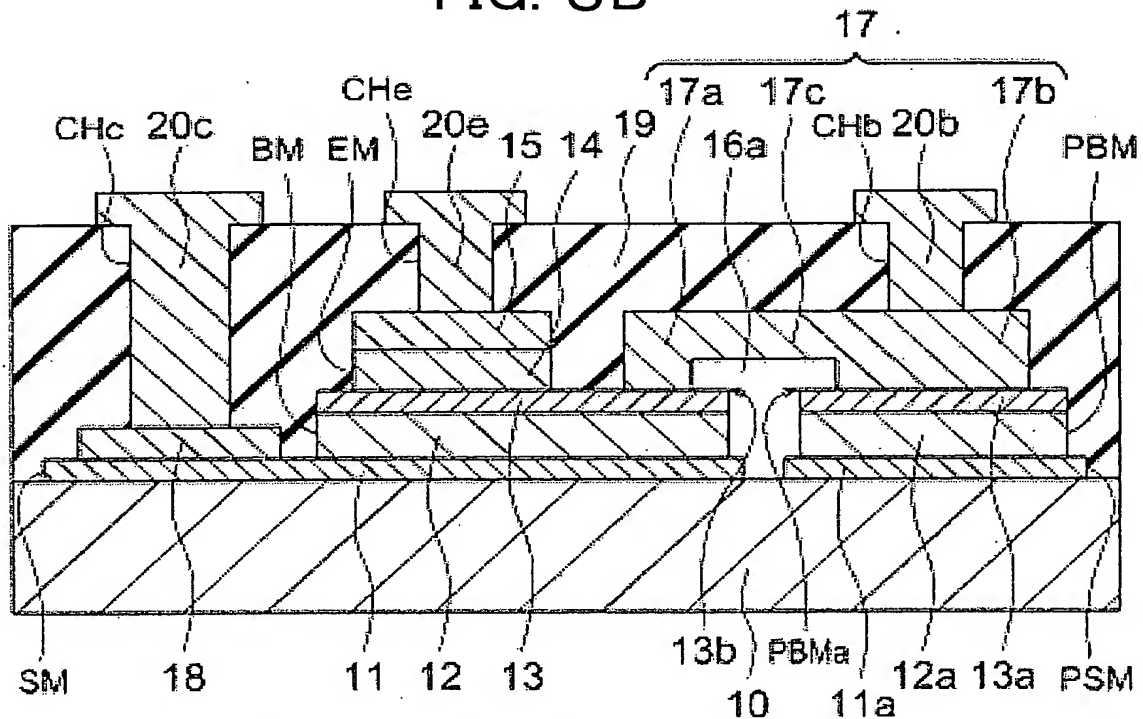


FIG. 3B



- 12...COLLECTOR LAYER  
 13...BASE LAYER  
 14...EMITTER LAYER  
 17...INTERCONNECTING LAYER  
 17a...BASE ELECTRODE  
 17b...BASE CONTACT PAD ELECTRODE  
 17c...INTERCONNECTING PORTION  
 PBM...BASE MESA STRUCTURE FOR USING  
 BASE CONTACT PAD